

A schematic diagram of a rectangular device 10. The device has a top edge 12 and a bottom edge 22. On the left side, there are three circular features labeled 36, 20, and another unlabeled circle below it. Inside the device, there is a large hatched rectangular area 23. To its right is a vertical channel or gap 24. At the top of this channel is a horizontal section 28. Below this channel, there is a semi-circular feature 37. Various arrows indicate dimensions and forces: 'w' is the width of the hatched area, 'd' is the distance from the left edge to the start of the hatched area, 'H' is the height of the hatched area, 'H1' is the total height of the device, 'R' indicates forces at corners and junctions, and '1B' points to specific locations on the top edge. Dashed lines 31 define the boundaries of the hatched area and other internal regions.

FIG. 1A

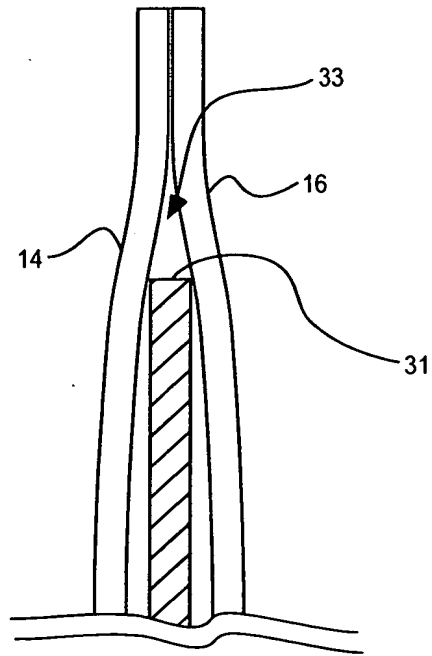


FIG. 1B

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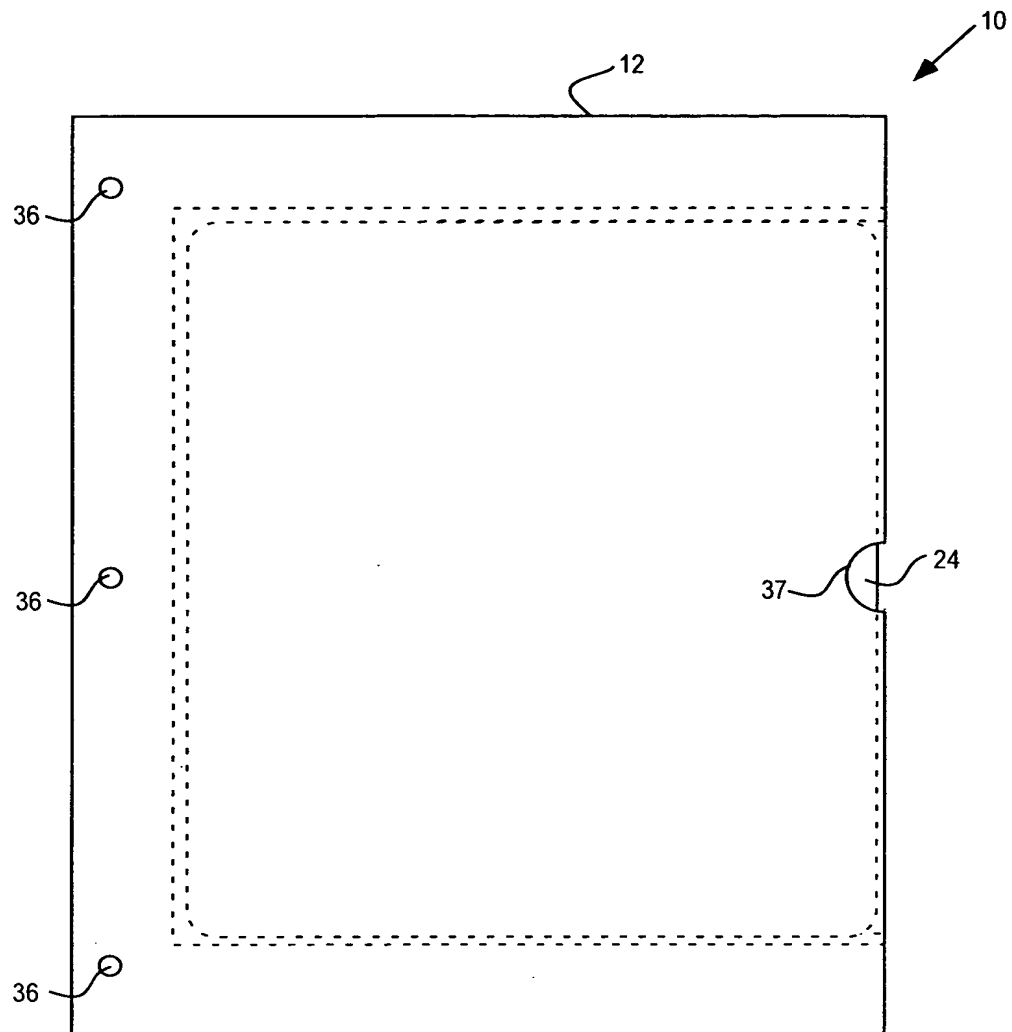


FIG. 1C

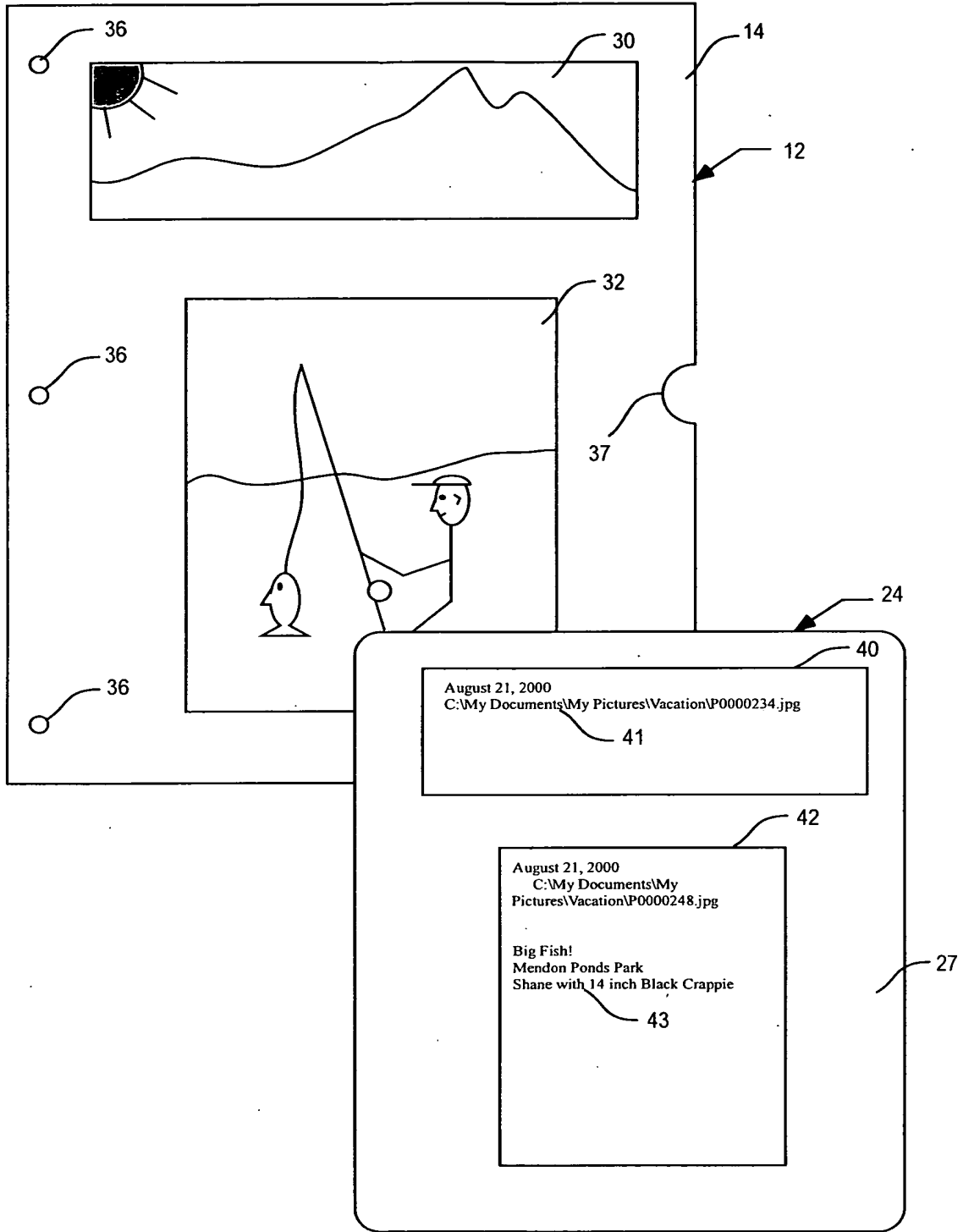


FIG. 2A

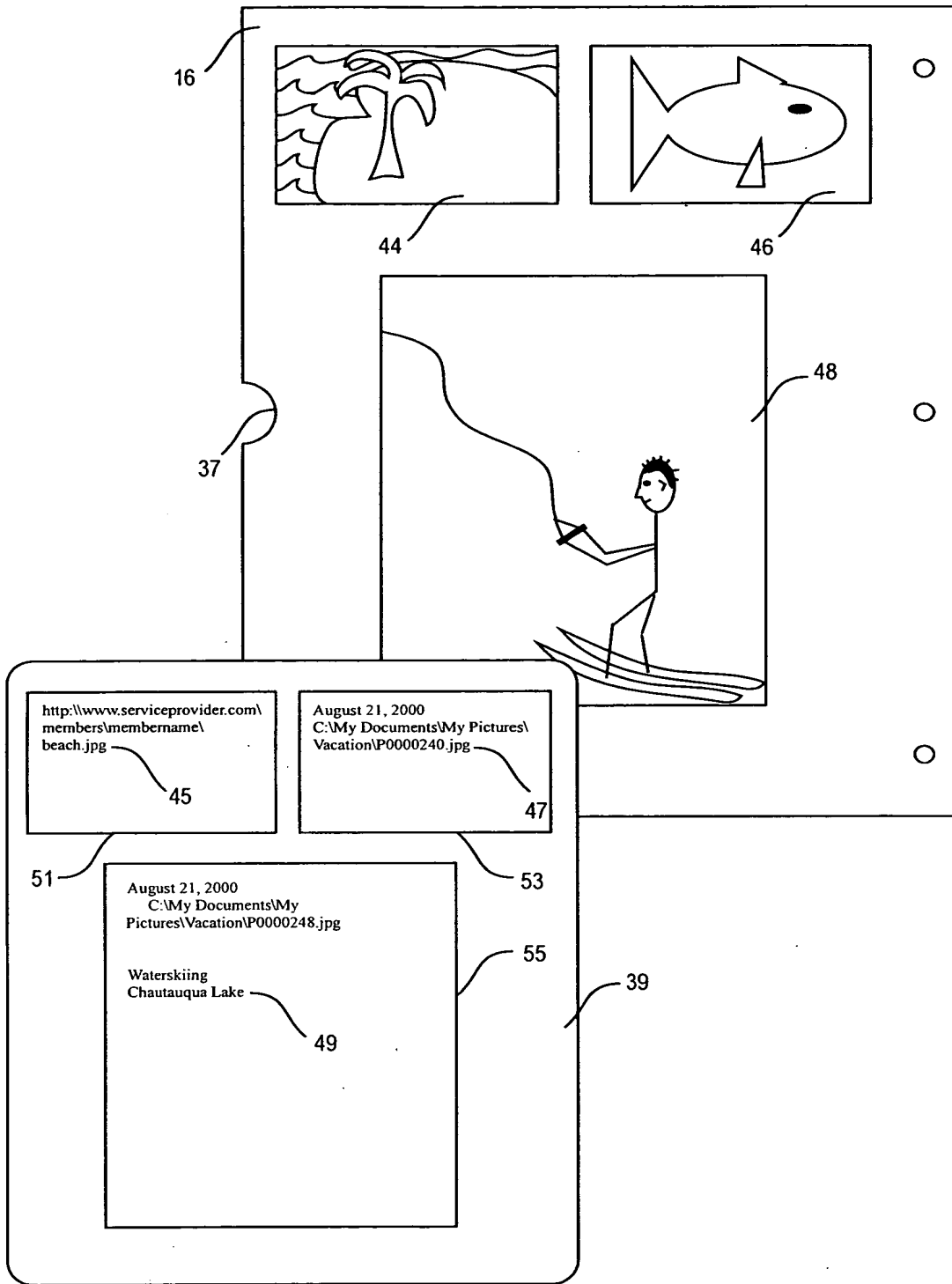


FIG. 2B

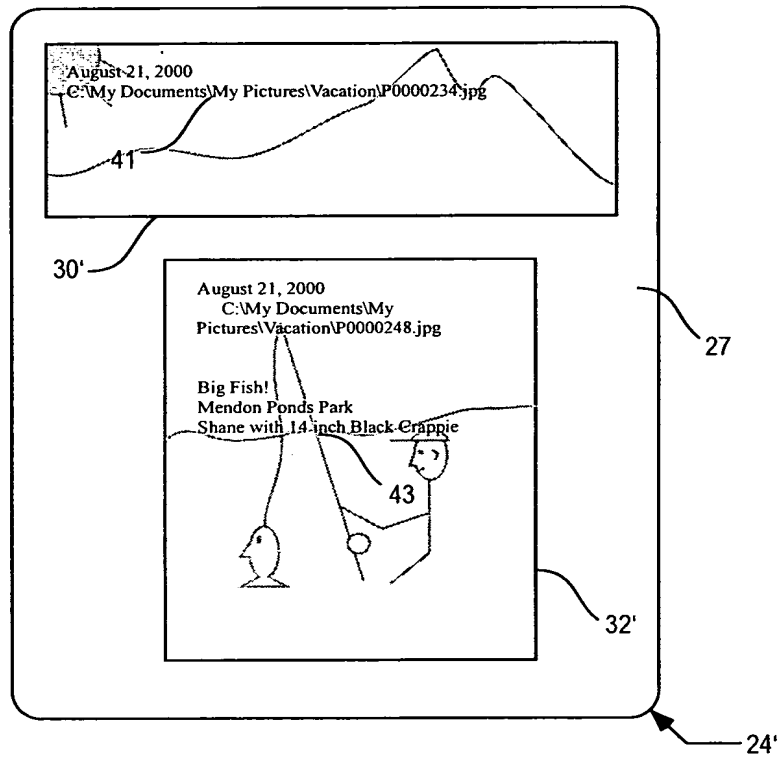
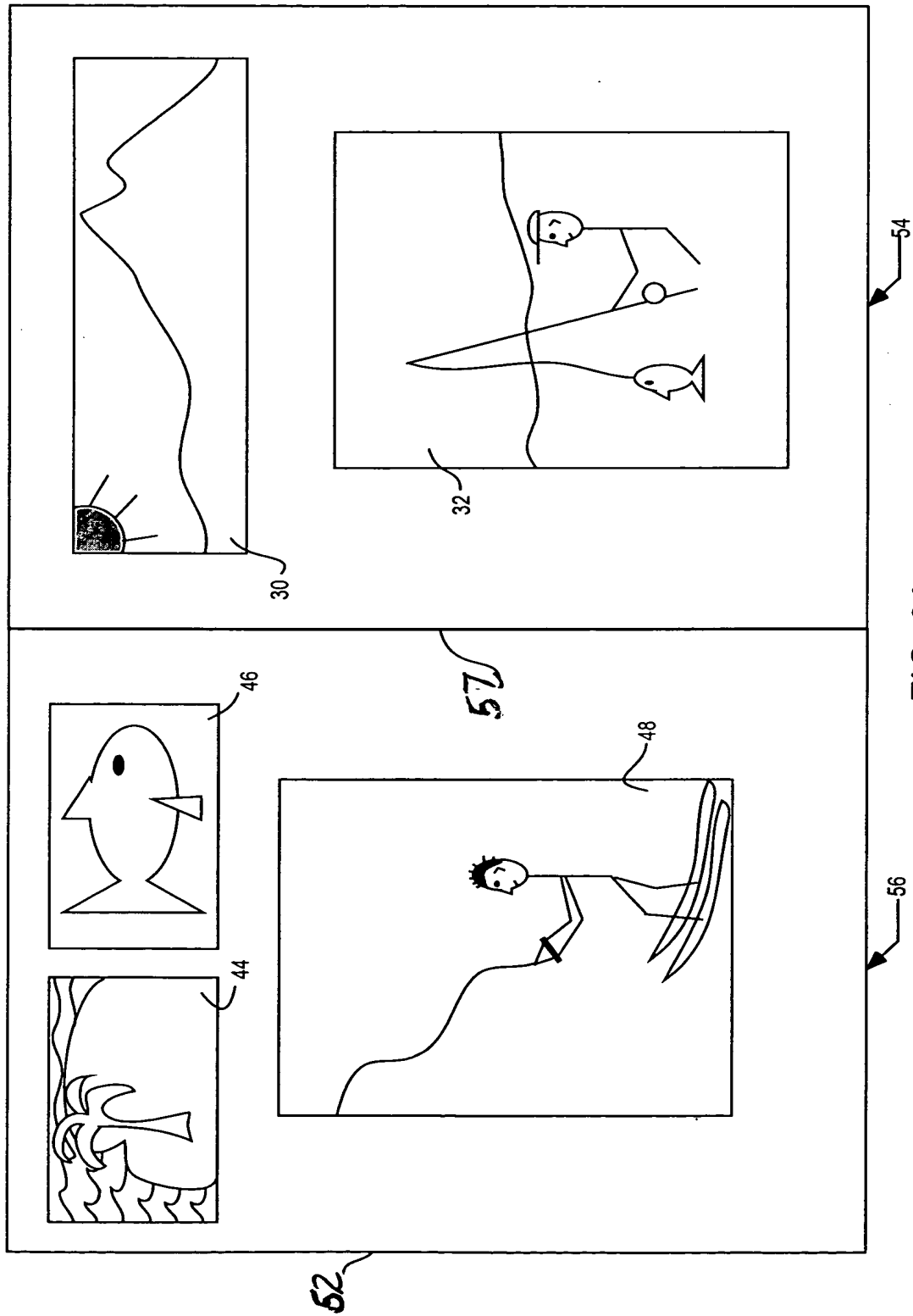


FIG. 2C



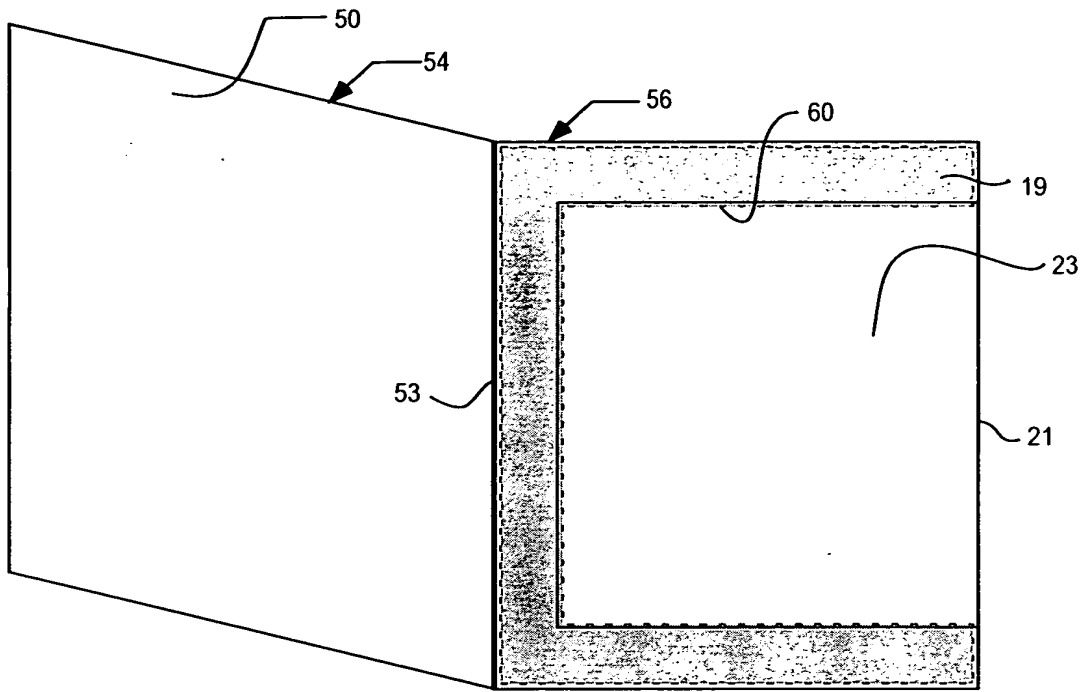


FIG. 3B

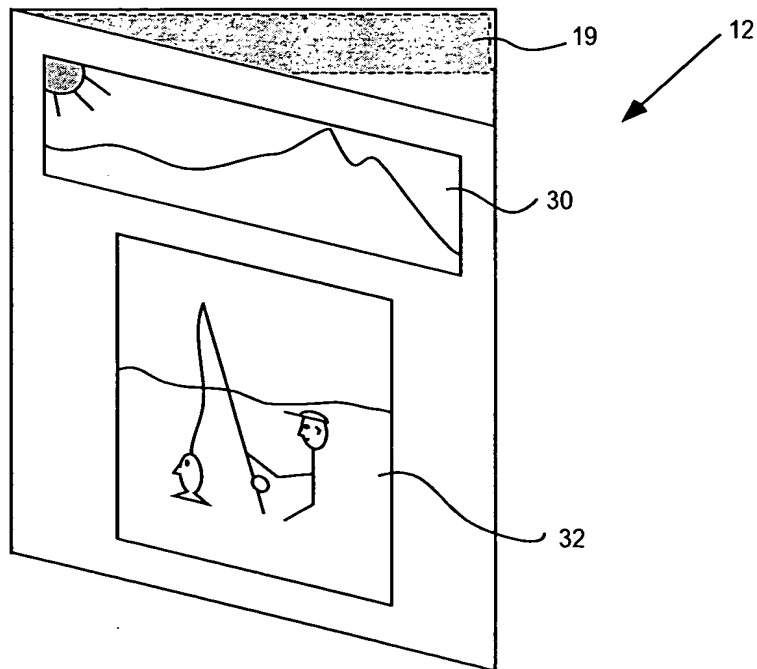


FIG. 3C



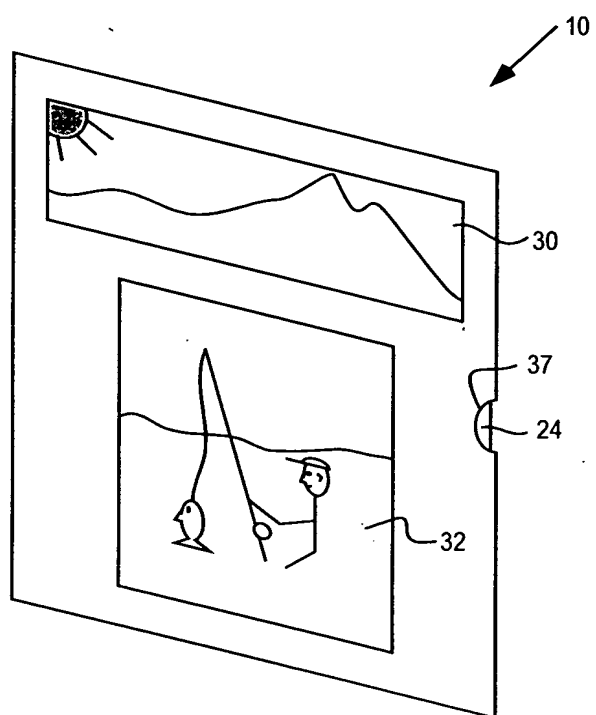


FIG. 3D

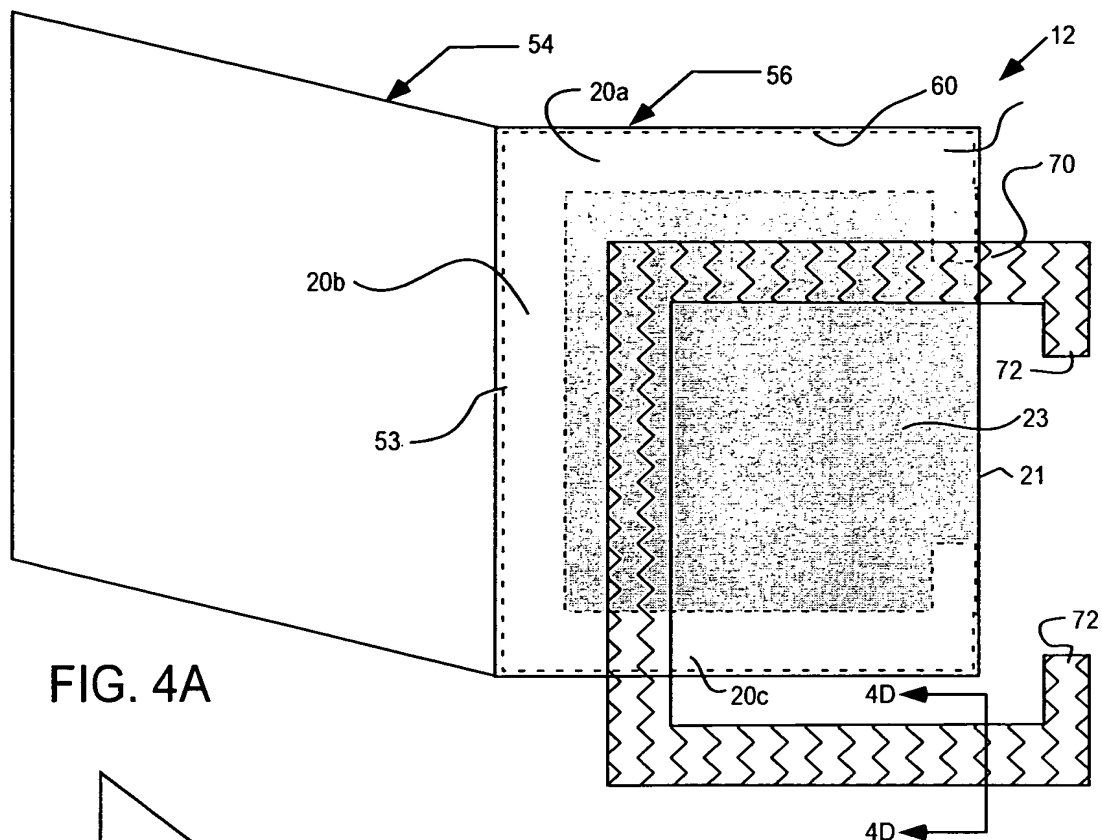


FIG. 4A

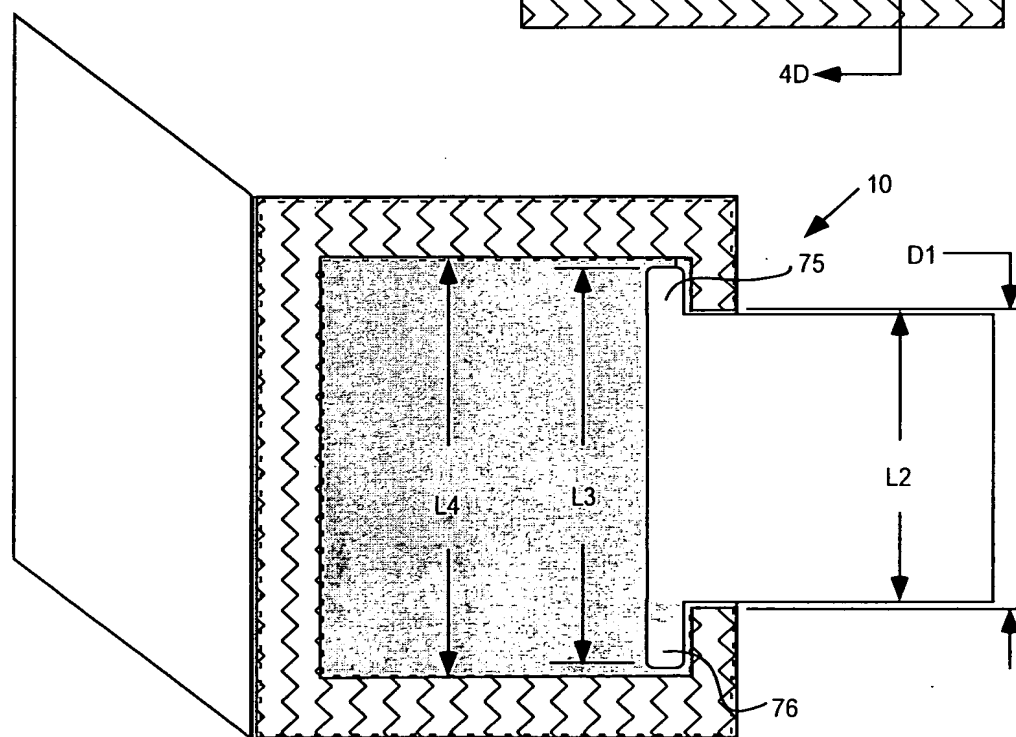


FIG. 4B

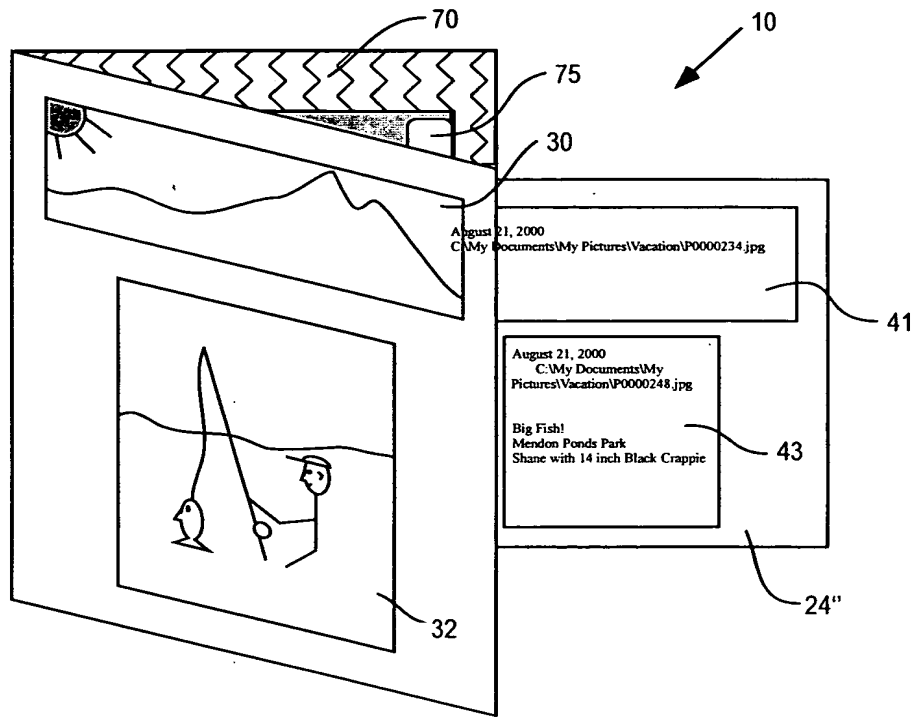


FIG. 4C

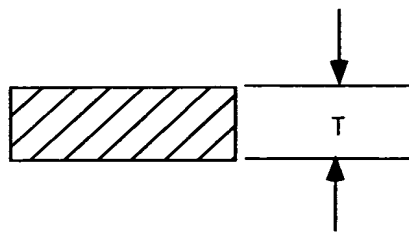


FIG. 4D

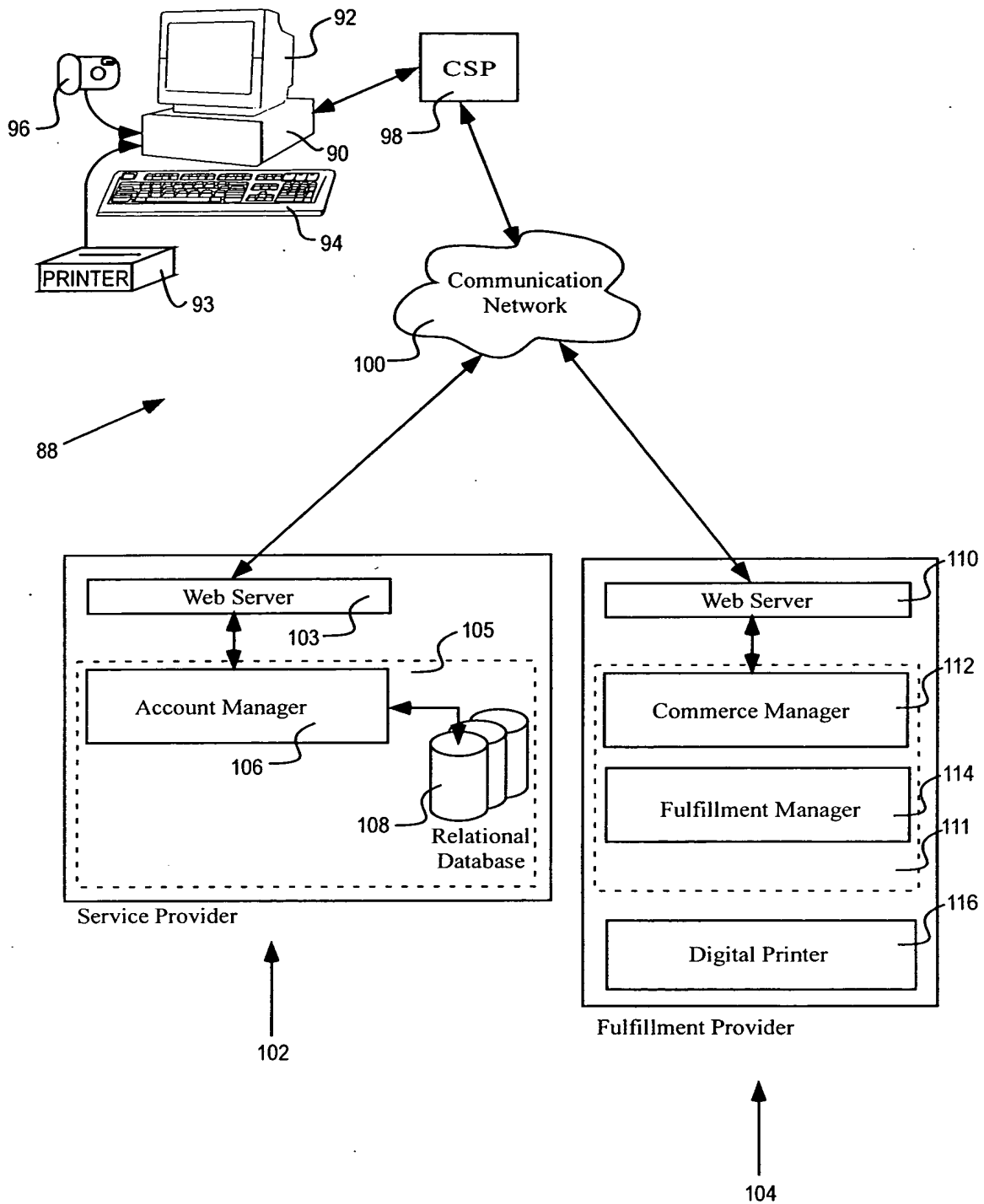


FIG. 5

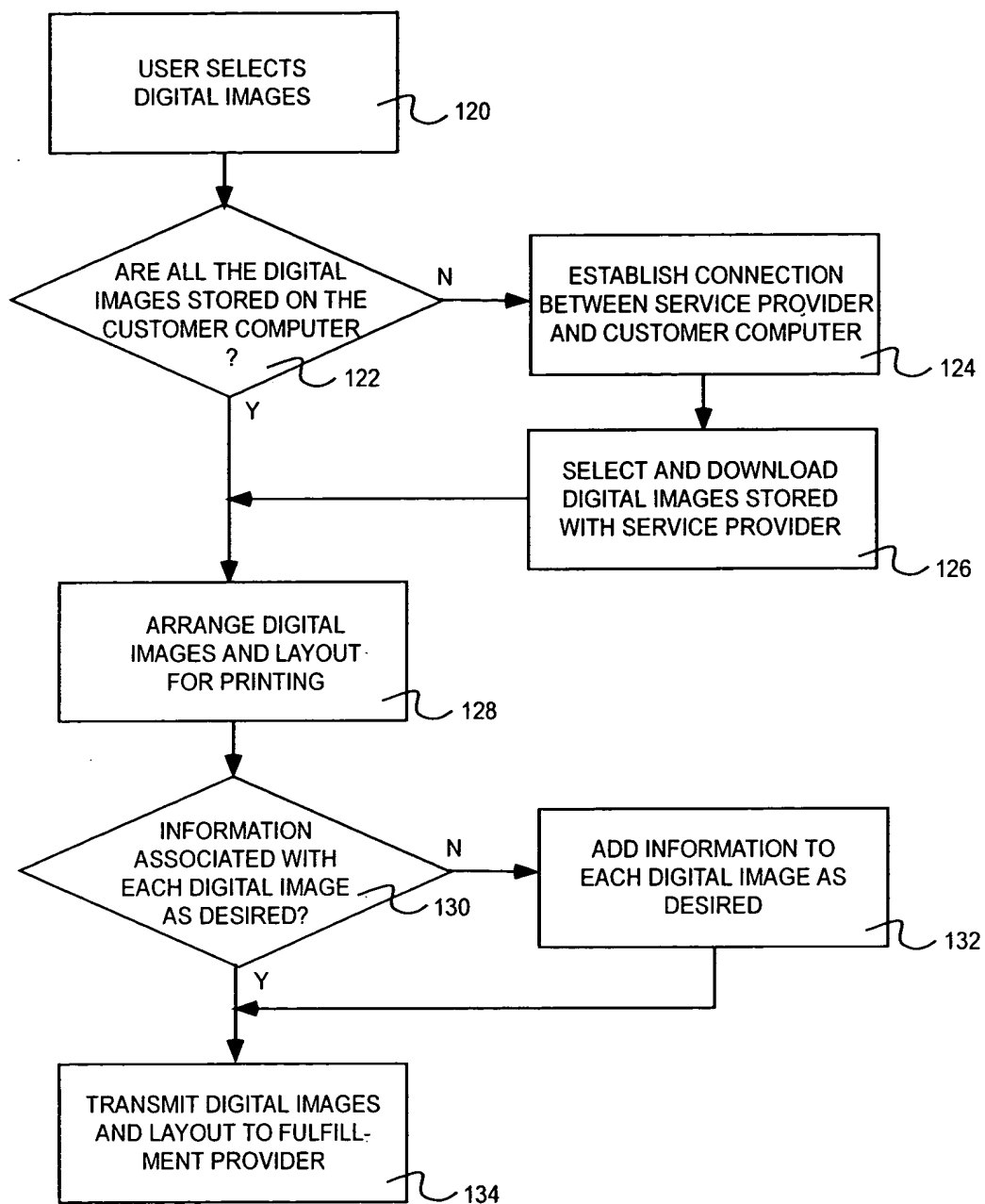


FIG. 6

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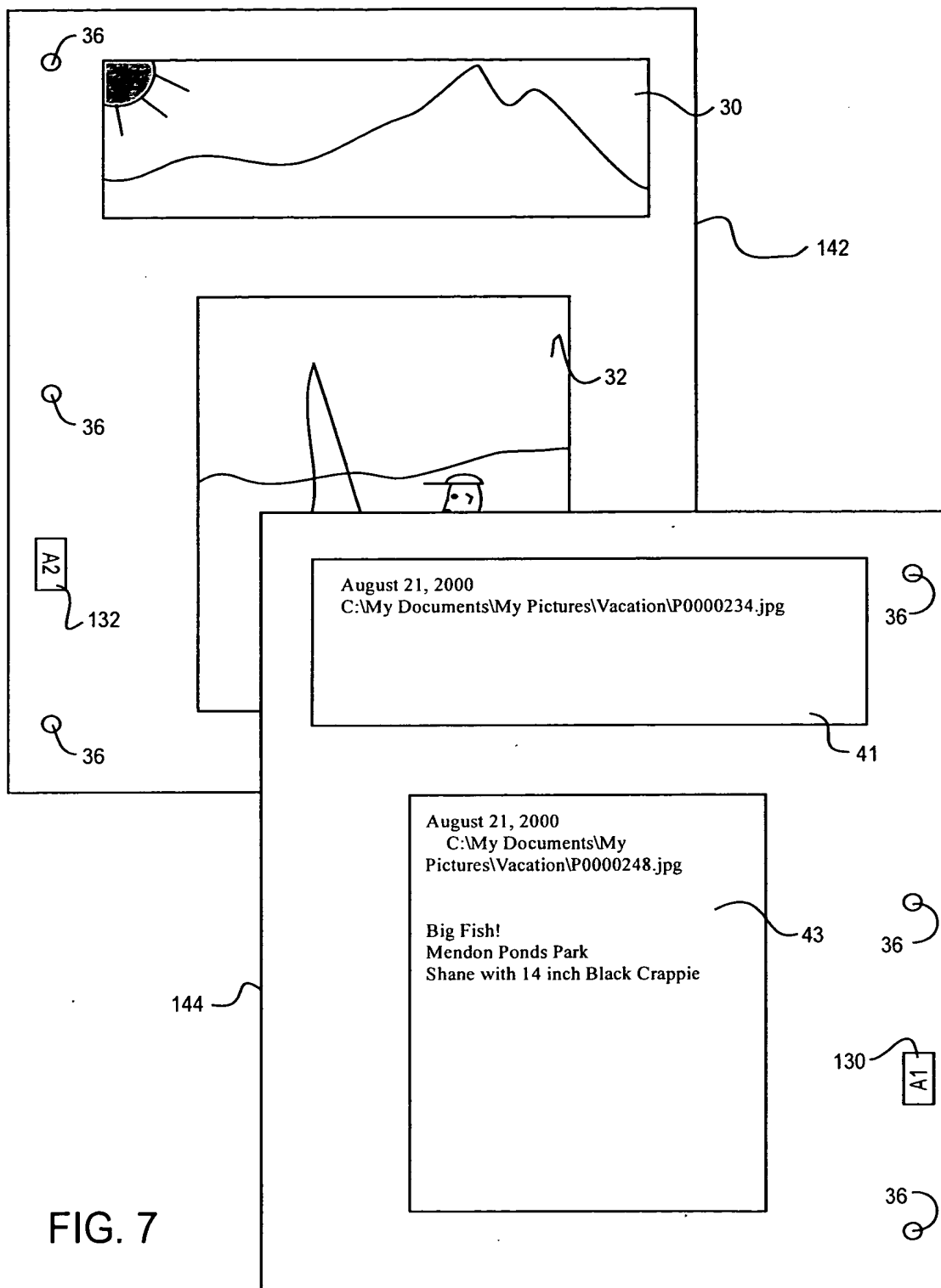


FIG. 7

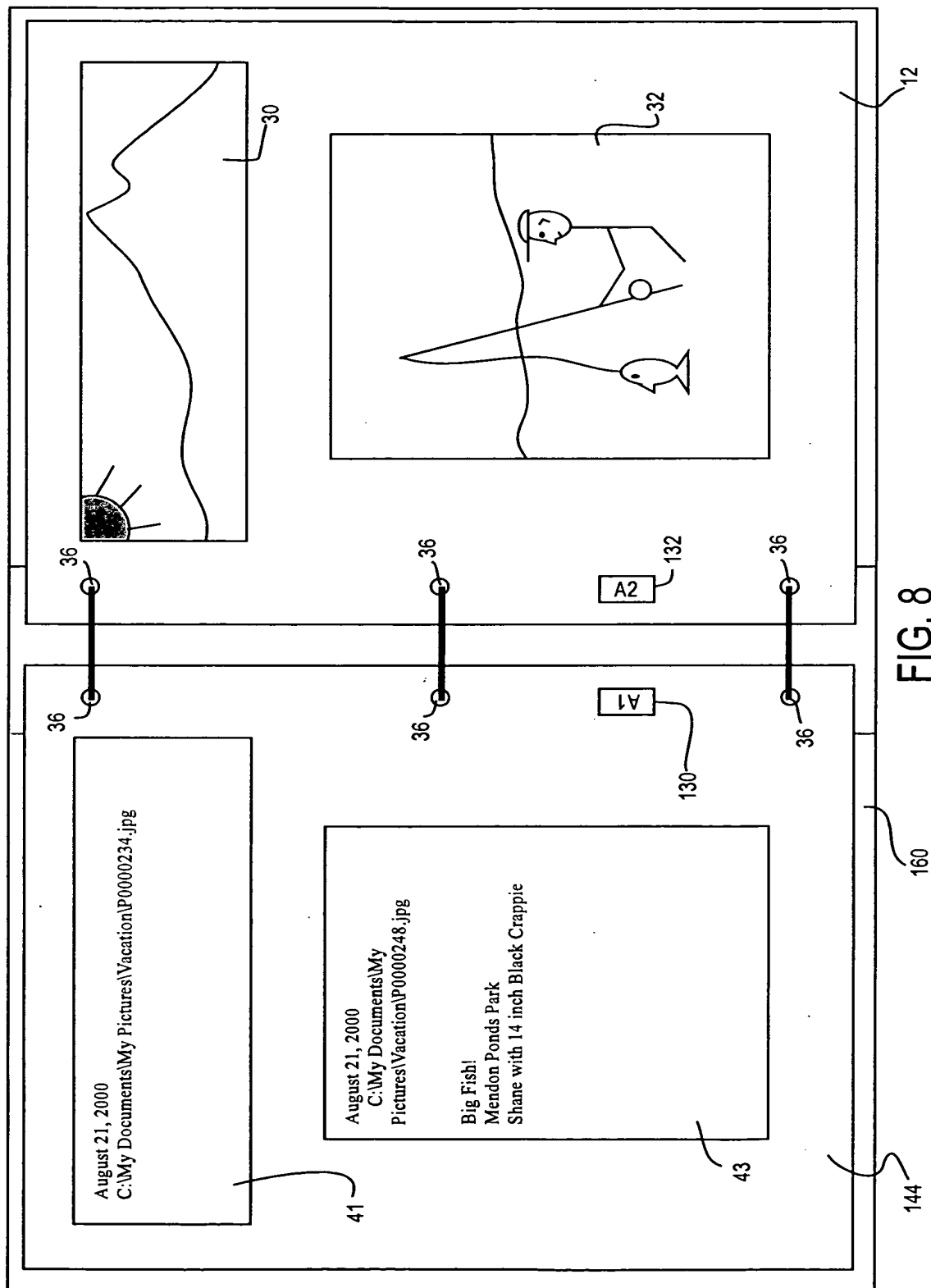


FIG. 8

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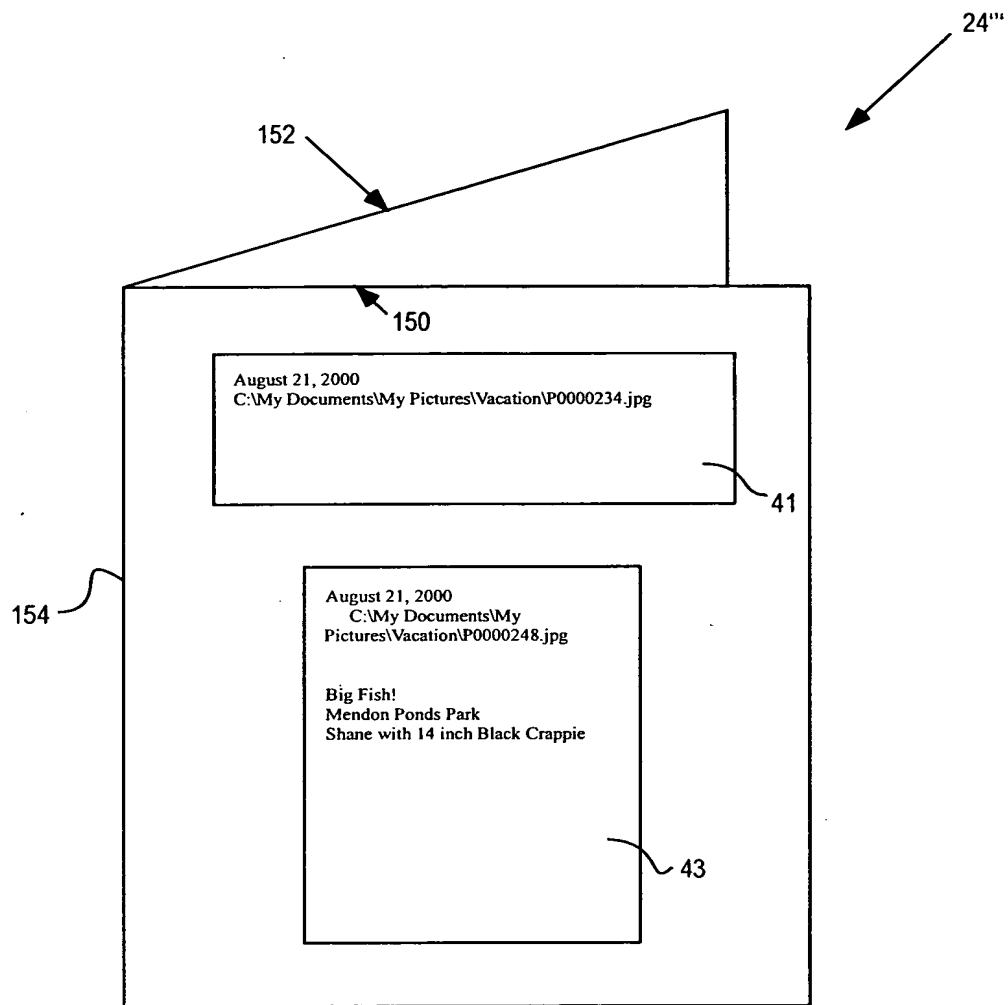


FIG. 9A



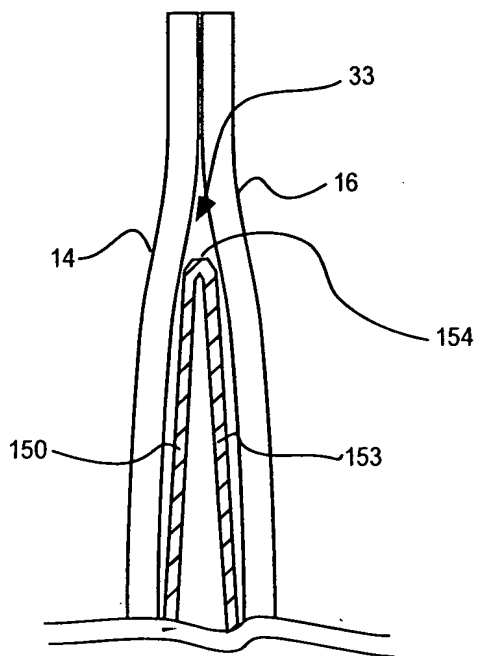


FIG. 9B